Approved For Release 2002/11/13 : CIA-RDP78-02820A000300010040-3

	The Files 5 September 1957	
i		25X1A9A
25X1	RR-AA/11 Receivers	
	1. On 21 August 1957, I visited the plant of the	-2 5X1A5A1
	to discuss certain short-comings of the tuner mechanism. Those attending the meeting were:	
		25X1A5A1
and the second s	2. The discussion of deficiencies of the receivers were based in large measure on the following reports: The "Summary of Test Data, Conclusion and Recommendations on the RR-11/AA Receiver", dated 14 September 1956. "Checks on the RR-11AA Receiver No. 9 in conjunction with RF Tuner No. 15," dated 15 October 1956, "RR/AA-11 Receiver Calibration Check" dated 22 March 1957, "Summary of Measurement on Tuners No. 1-R and R-2 for RR/AA-11 Receiver" dated 9 August 1957. Also at this time, receiver Nos. 4, 5, 9 and 12 complete with tuners, and extra tuners No. R2 and 8 were given to to check for malfunction.	25X1A5A1
	3. The principal points of consideration concerning the tuner	
	were causes of calibration error, calibration drift with time, and resetability error. As had been stated in the past, and at the offset	25X1A5A1
1	of this meeting, was again emphasized by both	
	the development specifications No. 54-A-1026-A for RR/11-AA Transistori communications receiver and development specification No. 55-A-1036-A for RR-11/28 transistorised communications receiver are design	red
	objectives rather than minimum standards of attainment. In one such instance, felt that the specification imposed a most	25X1A5A1
	difficult situation, this in Section 2.1.2.1. receiver frequency	
	calibration which states that the calibration accuracy of the tuning	
w	dial shall be within .15 throughout the tuning range. He felt that	
	this accuracy could be relaxed somewhat without impairment of receiver operation, particularly when weighed against the next specification	
	2.1.2.2. dial resetability which states the accuracy of resetability	
	shall be within .01% when approached from either the high or the low end of the tuning range contends that the percentage calibration error becomes somewhat meaningless when one considers that .01% at 3 mc is 300 cycles and resetability at 12 mc is 1200 cycles.	25X1A5A1

Approved For Release 2002/11/13: CIA-RDP78-02820A000300010040-3

perhaps 2.5 ke should be allowed. This error to apply at all portions of the tuning range. It is further noted that the 2.5 ke proposed error is well within the bandpass specification of the intermediate frequency amplifier of 6 ke. In this light,	25X1A5A1 25X1A5A1
	nion * 25X1A5A1
· · · · · · · · · · · · · · · · · · ·	25X1A9A

25X1

OC-E/R&D-EP :mjr (5 Sept.)
cc: &&D Subject File
Monthly Report
R&D Lab
O&T/SB
R&D Chrono
EP chrono